

ABSTRACT

IDENTIFICATION OF *Salmonella* sp. CONTAMINANT WITH QUANTIFICATION METHOD ON BROILERS AT THREE TRADITIONAL MARKETS AND TWO MODERN MARKETS IN THE BANDAR LAMPUNG CITY

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Salmonella sp. is a bacteri that caused of contaminate on broilers and salmonellosis in humans. The porpuse of this research is to identify of *Salmonella* sp. contaminanton boilers at traditional market and modern market in the Bandar Lampung city. This research used a sample such as chicken meat from poulturer at 3 traditional markets (Gintung Market, Rajabasa Market and Tamin Market) and 2 modern markets (Robinson Super Market and Chandra Super Market). All of sample were isolated into selective media Xylose Lysine Desoxycholate (XLD) agar with 3 replication. The result showed that contamination of *SalmonellIa* sp. were identified on boilers at traditional market and modern market with the level contamination on Gintung Market was $4,80 \times 10^8$ CFU/g – $2,48 \times 10^9$ CFU/g, Rajabasa Market was $3,68 \times 10^8$ CFU/g, - $1,24 \times 10^9$ CFU/g, Tamin Market was $3,30 \times 10^8$ CFU/g – $3,68 \times 10^9$ CFU/g, Robinson Super Market was $3,27 \times 10^4$ CFU/g – $1,50 \times 10^5$ CFU/g and Chandra Super Market was $3,30 \times 10^4$ CFU/g – $1,13 \times 10^5$ CFU/g.

Keywords: Salmonella sp., contaminant, boilers, traditional market, modern market